

Amendments to the Specification:

Please replace the paragraph beginning on page 15, line 7 with the following replacement paragraph:

Now, in Fig. 4, consider the case in which the target driving torque is changed from the second target value T_{tar2} to the first target value T_{tar1} at timing c while the accelerator pedal stroke α is larger than zero, i.e. while the vehicle is accelerating. At timing c , the first target value T_{tar1} is calculated from the accelerator pedal stroke α and the vehicle speed N_0 , and the target is changed from the second target value T_{tar2} to the first target value T_{tar1} . In this case, the intention of the driver to accelerate is given priority, and therefore the target value is changed instantaneously. Also, a time constant of about 200 milliseconds or less can be set at which the feeling of acceleration is not deteriorated.